

**Garant**
**Machine taps, vaporised, M: M12**

**Order data**

Order number	135150 M12
GTIN	4045197076168
Item class	11H

**Description**
**Version:**

**With conically offset guide thread** (3 – 4 full threads, then tapered towards the rear).

**Particularly for recessed blind hole threads** where the swarf generated remains in the tap flutes.

**Advantage:**

The tapered guide section allows the tap to be reversed with greatly reduced risk of chips jamming and causing damage to the tap.

Thread type: M

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 2 6H

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank  $\varnothing D_s$ : 9 mm

Shank square  $\square$ : 7 mm

Tapping hole  $\varnothing$ : 10.2 mm

**Technical description**

Tapping hole $\varnothing$	10.2 mm
Number of clamping slots	3
Number of cutting edges Z	3
Thread $\varnothing$	12 mm
Thread pitch	1.75 mm
Standard	DIN 376

Shank $\varnothing D_s$	9 mm
Overall length L	110 mm
Shank square $\square$	7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	36 mm
Thread type	M
Thread size	M12
Coating	vaporised
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap